

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1-42 (canceled)

43. (previously presented) A manikin having a removable piece attached thereto by a magnetic system comprising:

(a) a magnetic assembly having a depth-of-pull sufficient to cause the removable piece to begin to move towards the manikin at a distance from the manikin of more than one-quarter of an inch, said magnetic assembly being positioned on said manikin or said removable piece; and

(b) an attracted material positioned on the other of said manikin or said removable piece so as to mate with said magnetic assembly wherein said magnetic assembly is a cup magnetic assembly comprising a cup serving as a pole piece, said cup having at least one magnet therein.

44. (previously presented) The manikin of claim 43 wherein said depth-of-pull is sufficient to cause the removable piece to begin to move toward the manikin at a distance of more than three-fourths of an inch.

45. (previously presented) The manikin of claim 43 wherein said depth-of-pull is sufficient to cause the removable piece to begin to move toward the manikin at a distance of more than two-thirds of an inch.

46. (previously presented) The manikin of claim 43 wherein said depth-of-pull is sufficient to cause the removable piece to begin to move toward the manikin at a distance of more than one-half of an inch.

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47. (previously presented) The manikin of claim 43 wherein said depth-of-pull is sufficient to cause the removable piece to begin to move toward the manikin at a distance of at least one inch.
48. (previously presented) The manikin of claim 43 wherein said magnetic assembly has a depth-of-pull of at least 120 gauss at a distance of one inch.
49. (previously presented) The manikin of claim 48 wherein said magnetic assembly has a depth-of-pull of at least 200 gauss at a distance of one inch.
50. (previously presented) The manikin of claim 48 wherein said magnetic assembly has a depth-of-pull of at least 240 gauss at a distance of one inch.
51. (previously presented) The manikin of claim 48 wherein said magnetic assembly has a depth-of-pull of at most 250 gauss at a distance of one inch.
52. (previously presented) The manikin of claim 43 wherein said magnetic assembly has a depth-of-pull of at least 380 gauss at a distance of three-fourths inch.
53. (previously presented) The manikin of claim 43 wherein said magnetic assembly has a depth-of-pull of at least 850 gauss at a distance of one-half inch.
54. (previously presented) The manikin of claim 43 wherein said magnetic assembly has an on-contact strength of at least 0.5 pounds.
55. (previously presented) The manikin of claim 54 wherein said magnetic assembly has an on-contact strength of no more than 20 pounds.
56. (previously presented) The manikin of claim 43 wherein said magnetic assembly has an on-contact strength of at least 60 pounds.

57. (previously presented) The manikin of claim 56 wherein said magnetic assembly has an on-contact strength of at least 85 pounds.

58. (previously presented) The manikin of claim 56 wherein said magnetic assembly has an on-contact strength of at least 100 pounds.

59. (previously presented) The manikin of claim 60 wherein said magnetic assembly has an on-contact strength no greater than 120 pounds.

60. (previously presented) The manikin of claim 43 wherein said magnetic assembly has an on-contact strength no greater than 180 pounds.

61. (previously presented) The manikin of claim 43 wherein said magnetic assembly is a cup magnetic assembly comprising a circular cup serving as a pole piece.

62. (previously presented) The manikin of claim 61 wherein said magnetic assembly comprises a ring magnet positioned within said cup.

Claims 63-64 (canceled).

65. (previously presented) The manikin of claim 61 wherein said magnetic assembly comprises at least one neodymium magnet.

66. (previously presented) The manikin of claim 65 wherein said magnetic assembly comprises two neodymium radial arc magnets touching a ceramic magnet but spaced apart from said pole piece.

67. (previously presented) The manikin of claim 65 wherein said radial arc magnets are spaced apart from said pole piece at least one-eighth inch.

68. (previously presented) The manikin of claim 61 wherein said circular cup comprises at least one flange attached thereto for embedding into the material of said manikin.

69. (previously presented) The manikin of claim 68 wherein said flange is attached to the bottom of said circular cup.

70. (previously presented) The manikin of claim 43 wherein said magnetic system comprises a disc of attracted material for mating with said magnetic assembly which presents a planar circular face.

71. (previously presented) The manikin of claim 43 wherein said attracted material is on said removable piece.

72. (previously presented) The manikin of claim 43 wherein said attracted material is on said manikin.

73. (previously presented) The manikin of claim 43 comprising a removable piece comprising said attracted material at one end and said magnetic assembly on the other end.

74. (previously presented) The manikin of claim 70 wherein said magnetic system comprises at least one mating pin on one of said magnetic assembly or said circular face, and a mating hole positioned to mate with said mating pin on the other of said magnetic assembly or said circular face.

75. (previously presented) The manikin of claim 70 wherein said magnetic system comprises at least one index pin on one of said magnetic assembly or said circular face, and an index hole positioned to mate with said index pin on the other of said magnetic assembly or said circular face.

76. (previously presented) The manikin of claim 75 wherein said magnetic system comprises a plurality of index holes positioned to mate with said index pin.

77. (previously presented) The manikin of claim 43 wherein said removable piece is selected from the group consisting of an arm, an upper arm, a lower arm, a hand, a leg, an upper leg, a lower leg, a foot, a head, a torso, a pelvis and a cap.

78. (previously presented) The manikin of claim 77 wherein said magnetic assembly has an on-contact strength of no more than 20 pounds.

Claims 79-93. (canceled).

94. (previously presented) The manikin of claim 61, wherein the magnetic assembly comprises a magnet selected from the group consisting of neodymium magnets, samarium cobalt magnets, and alnico magnets.

95. (canceled).

96. (previously presented) A manikin having a removable piece attached thereto by a magnetic system comprising:

(a) a magnetic assembly having a depth-of-pull sufficient to cause the removable piece to begin to move towards the manikin at a distance from the manikin of more than one-quarter of an inch, said magnetic assembly being positioned on said manikin or said removable piece; and

(b) an attracted material positioned on the other of said manikin or said removable piece so as to mate with said magnetic assembly wherein said magnetic assembly is sized for a life-sized manikin joint, has a depth of pull of at least 200 gauss at a distance of one inch, and has an on-contact strength between 85 pounds and 120 pounds.

97. (currently amended) A manikin having a removable piece attached thereto by a magnetic system comprising:

(a) a magnetic assembly having a depth-of-pull sufficient to cause the removable piece to begin to move towards the manikin at a distance from the manikin of more than one-quarter of an inch, said magnetic assembly being positioned on said manikin or said removable piece; and

(b) and an attracted material positioned on the other of said manikin or said removable piece so as to mate with said magnetic assembly

wherein said magnetic assembly ~~had~~ has a depth-of-pull of at least 200 gauss at a distance of one inch.